



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/594,284	06/15/2000	Yoji Kawamoto	SONY-T0718	9179

7590 07/22/2003

SONNENSCHN NATH & ROSENTHAL
P.O. BOX 061080
WACKER DRIVE STATION - SEARS TOWER
CHICAGO, IL 60606-1080

EXAMINER

DELGADO, MICHAEL A

ART UNIT	PAPER NUMBER
----------	--------------

2143

DATE MAILED: 07/22/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/594,284

Applicant(s)

KAWAMOTO ET AL.

Examiner

Michael S. A. Delgado

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 June 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 1-25 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent No. 5,710,884 by Dedrick.

In claim 1, Dedrick teaches about a user information processing unit comprising:

terminal use record information accumulating means for accumulating terminal use record information when a user employs a terminal unit (Col 6, lines 10-20);

profile information generating means for generating the profile information of said user on the basis of said accumulated terminal use record information (Col 6, lines 10-20); and

profile information storing means for storing said generated profile information (Col 6, lines 20-35).

In claim 2, Dedrick teaches about a user information processing unit according to wherein

said profile information generating means generates new profile information on the basis of the profile information stored in said profile information storing means and said terminal use record information (Col 6, lines 1-20).

In claim 3, Dedrick teaches about a user information processing unit according to claim 1, wherein

Art Unit: 2143

said terminal use record information accumulating means is storing means detachably provided in said terminal unit (Col 6, lines 20-35).

In claim 4, Dedrick teaches about a user information processing unit according to claim 1, wherein

said terminal use record information accumulating means is storing means provided in said terminal unit (Col 6, lines 20-35).

In claim 5, Dedrick teaches about a user information processing unit according to claim 1, wherein

said profile information generating means is provided in information providing means connected to said terminal unit through a prescribed communication line (Col 3, lines 5-50).

In claim 6, Dedrick teaches about a user information processing unit according to claim 1, wherein

said profile information storing means is storing means provided in said terminal unit so as to be detachable (Col 6, lines 20-35).

In claim 7, Dedrick teaches about a user information processing unit according to claim 1, wherein

said profile information storing means is storing means provided in said terminal unit (Col 6, lines 20-35).

In claim 8, Dedrick teaches about a user information processing unit according to claim 1 comprising:

Art Unit: 2143

information providing means for selecting provided information which is supplied to the terminal unit employed by said user on the basis of said profile information generated by said profile information generating means (Col 6, lines 1-20).

In claim 9, Dedrick teaches about a user information processing unit according to claim 1, wherein

said terminal unit selects the provided information corresponding to the profile information of said user among the provided information transmitted from the prescribed information providing means (Col 7, lines 25-67).

In claim 10, Dedrick teaches about a user information processing method comprising the steps of:

accumulating terminal use record information when a user employs a terminal unit (Col 6, lines 10-20);

generating the profile information of said user on the basis of said accumulated terminal use record information (Col 6, lines 10-20); and

storing said generated profile information (Col 6, lines 20-35).

In claim 11, Dedrick teaches about a user information processing method according to claim 10 further comprising the step of:

selecting provided information which is supplied to the terminal unit used by said user on the basis of said profile information generated by said profile information generating step (Col 7, lines 25-67).

In claim 12, Dedrick teaches about a user information processing method according to claim 10 further comprising the step of:

selecting provided information corresponding to the profile information generated by said profile information generating step among provided information transmitted to said terminal unit from prescribed information providing means (Col 7, lines 25-67).

In claim 13, Dedrick teaches about a user information processing system having a terminal unit employed by a user and a server to which said terminal unit can have access, said system comprising:

said terminal unit for accumulating terminal use record information upon use of said terminal unit by said user and the profile information of said user generated on the basis of said terminal use record information (Col 6, lines 10-67); and

said server for producing said profile information on the basis of said accumulated terminal use record information (Col 6, lines 10-35).

In claim 14, Dedrick teaches about a terminal unit comprising:

use record information writing means for writing use record information used by the user (Col 6, lines 1-20);

transmitting means for transmitting said use record information accumulated in storing means to profile information generating means for every prescribed timing (Col 6, lines 20-67);

profile information writing means for receiving the profile information of said user based on said use record information which is transmitted from said profile information generating means and writing said received profile information in said storing means (Col 6, lines 20-67); and

Art Unit: 2143

selecting means for selecting provided information corresponding to said profile information written in said storing means from among provided information transmitted from prescribed information providing means (Col 7, lines 25-67).

In claim 15, Dedrick teaches about a terminal unit according to claim 14, wherein said storing means is a storage medium detachably provided in said terminal unit (Col 6, lines 20-35).

In claim 16, Dedrick teaches about a terminal unit according to claim 14, wherein said storing means is a memory provided in said terminal unit (Col 3, lines 35-50).

In claim 17, Dedrick teaches about a terminal unit according to claim 14, wherein said transmitting means transmits said profile information stored in said storing means as well as said use record information accumulated in said storing means to said profile information generating means (Col 6, lines 50-67);

said profile information writing means receives the new profile information of said user based on said use record information which is transmitted from said profile information generating means and said stored profile information, and writes said received new profile information in said storing means (Col 6, lines 50-67); and

said selecting means selects said provided information on the basis of said new profile information written in said storing means (Col 7, lines 25-67).

In claim 18, Dedrick teaches about a terminal unit comprising:

use record information writing means for writing use record information used by a user in prescribed storing means (Col 6, lines 20-35);

Art Unit: 2143

profile information generating means for generating the profile information of said user on the basis of said use record information accumulated in said storing means (Col 6, lines 10-20);

profile information writing means for writing said generated profile information in said storing means (Col 6, lines 50-67); and

selecting means for selecting provided information corresponding to said profile information written in said storing means from among provided information transmitted from prescribed information providing means (Col 7, lines 25-67).

In claim 19, Dedrick teaches about a terminal unit according to claim 18, wherein said storing means is a storage medium detachably provided in said terminal unit (Col 6, lines 20-35).

In claim 20, Dedrick teaches about a terminal unit according to claim 18, wherein said profile information generating means generates the new profile information of said user on the basis of said profile information stored in said storing means as well as said use record information accumulated in said storing means (Col 7, lines 25-67);

said profile information writing means writes said generated new profile information in said storing means (Col 6, lines 10-35); and

said selecting means selects said provided information on the basis of said new profile information written in said storing means (Col 7, lines 25-67).

In claim 21, Dedrick teaches about an apparatus for providing information to a terminal unit comprising:

Art Unit: 2143

profile information generating means for generating the profile information of a prescribed user on the basis of the use record information of said terminal unit of said user transmitted from said terminal unit (Col 6, lines 10-20); and

transmitting means for transmitting said generated profile information to said terminal unit (Col 6, lines 50-67).

In claim 22, Dedrick teaches about an apparatus for providing information according to claim 21, wherein

said profile information generating means generates the new profile information of said user on the basis of said use record information and the past profile information of said user transmitted from said terminal unit (Col 7, lines 25-67); and

said transmitting means transmits said new profile information thus generated to said terminal unit (Col 7, lines 1-25).

In claim 23, Dedrick teaches about an apparatus for providing information to a terminal unit comprising:

profile information generating means for generating the profile information of a prescribed user on the basis of the use record information of said terminal unit of said user transmitted from said terminal unit; and storing means for storing said profile information thus generated (Col 6, lines 20-67).

In claim 24, Dedrick teaches about an apparatus for providing information according to claim 23 comprising:

Art Unit: 2143

said profile information generating means generates new profile information of said user on the basis of said use record information and the past profile information of said user stored in said storing means (Col 7, lines 25-67); and

said storing means stores said new profile information thus generated (Col 6, lines 20-67).

In claim 25, Dedrick teaches about a apparatus for providing information according to claim 23 further comprising:

selecting means for selecting information supplied to said user on the basis of the profile information stored in said storing means (Col 7, lines 25-67).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent No. 6,513,039 by Kraenzel teaches about a profile inferencing through automated access control list analysis heuristics.

US Patent No. 6,460,036 by Herz teaches about a system and method for providing customized electronic newspapers and target advertisements.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael S. A. Delgado whose telephone number is 703-305-8057. The examiner can normally be reached on 8 AM - 4.30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on (703)308-5221. The fax phone numbers for the

Art Unit: 2143

organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7239 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.



MD

July 17, 2003



DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100